ABSTRACT

A video conferencing terminal includes an encoder that receives a baseband audio signal and a baseband video signal and creates compressed audio packets and compressed audio-video packets. A network interface driver receives the compressed audio packets and the compressed audio-video packets, IP encapsulates the compressed audio packets and the compressed audio-video packets, transmits the IP packets onto an IGMP network. The network interface driver also requests audio packets and audio-video packets from the network and recovers compressed audio packets and compressed audio-video packets from the IP packets received from the network. A decoder receives compressed audio packets and compressed audio-video packets from the network interface driver and generates a baseband video signal and multiple baseband audio signals.